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COUNTY OF RENFREW

EDUCATION COMMITTEE



THIRTY-FOURTH ANNUAL REPORT

On Medical Inspection, Supervision,
and Treatment of School Children,

for the

Year Ended 31st July, 1953

COUNTY OF RENFREW

EDUCATION COMMITTEE




THIRTY-FOURTH

ANNUAL REPORT

On Medical Inspection, Supervision,
and Treatment of School Children,

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Year Ended 31st July, 1953



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*To the Chairman and Members of the Education Committee
of the County Council of the County of Renfrew.*

LADIES AND GENTLEMEN,

I have the honour to present the Annual Report on Medical Inspection, Supervision, and Treatment of School Children in the County of Renfrew for the year ended 31st July, 1953. The Report is compiled in accordance with the revised form set out in Part II. of the Appendix to Circular N.M. & C. No. 60/1938.

I am,

Your faithfully,

J. S. M. GRAY,

County Medical Officer.

LIST OF STAFF.

Chief Administrative School Medical Officer—J. S. M. Gray, M.B., D.P.H.

Chief Executive School Medical Officer—

C. D. Rankin, M.D., D.P.H.
(retired 31/12/52)

J. T. W. Reid, M.B., D.P.H.
(app. 31/12/52)

(a) Whole-time School Service.

School Medical Officers—

Paisley Burgh—
M. S. McCash, M.D.

Greenock Burgh—
J. Graham, M.B., D.P.H. (left 15/3/53)
M. Bell, M.B., D.P.H. (app. 15/7/53)

Chief Dental Officer—M. Paterson, L.D.S.

School Dental Officers—

E. R. Sloan, L.D.S.
C. Stewart, L.D.S.
J. Wright, L.D.S.

M. Couchlin, L.D.S.
J. Hair, L.D.S.
I. Armit, L.D.S. (app. 1/9/52)

School Nurses—

Paisley Burgh—
E. Robb (retired 10/4/53).
J. MacInnes.
D. Hally.
M. Neil.
M. Shields (app. 10/4/53).

Greenock Burgh—
M. McCallum (left 30/10/52).
M. Brockie.
G. McWilliam (left 27/9/52).
M. Maitland (app. 19/8/52).
E. Gardner (app. 27/10/52).
R. McKenzie (app. 4/1/53).

Physiotherapist—M. Sivewright, M.C.S.P.

Clerk—R. Brown.

Audiometrists—

R. Seedhouse.

Mrs. Craig.

Attendant—J. Stewart.

Clerks—

Paisley Burgh—
E. Stewart.

County—
S. McLelland.
M. Conway
(trans. 15/10/52).
B. Murray
(app. 16/10/52).

Greenock Burgh—
M. Rankin.
M. Mackinnon.

Clinic Attendants—

Paisley Burgh—
J. Reid

County—
A. Wright.
M. Stewart.

Greenock Burgh—
S. Donald.

Dental Clinic Attendants—

A. Glancey.
C. McGonigle.
A. McTavish.
M. Lowson.

E. Muggins.
J. Ferguson.
M. Conway.

(b) Part-time School Service.*Specialist Medical Officers—**Oculist*—J. B. Adams, M.B.*Aurist*—J. C. Watt, M.B.*Dermatologist*—R. W. Carslaw, M.D.*Orthopædist*—A. Keith, F.R.C.S.*School Medical Officers—*

G. J. Sturrock, M.B., D.P.H.

A. F. Dickson, M.B., D.P.H.

G. M'Lintock, M.D., D.P.H.

M. MacArthur, M.B.

School Nurses—

M. Canfield.

E. Paul.

W. Callan.

M. MacLean.

J. Frederick.

M. Robb.

M. Kennedy.

M. Power

M. Gibson

B. M'Ninch

M. Mitchell.

E. M'Quade.

I. Steele.

R. Long.

C. Caldwell.

J. Guy.

M. Clark

(left 21/5/53).

D. Cleeland

(left 15/10/52).

A. Mair.

J. Courtney.

A. Lindsay.

I. Neilly.

J. Wilkie.

Clinic Attendants—

Mrs. Rew.

A. Doyle.

M. Scorgie.

Mrs. Hamilton.

During the School Year, 15,179 ROUTINE MEDICAL INSPECTIONS were completed of all new entrants and all pupils aged 9 (born 1943), 13 (born 1939), and 16 years (born 1936).

3,676 children aged 7 (born 1945) had their hearing and vision tested, and 1,240 children were also examined by the Medical Officers before proceeding to the Camp Schools and France.

The School Nurses paid 1,576 HOME VISITS during the year.

18.6 per cent. of all children examined at Routine Inspections were notified to parents as requiring treatment (excluding uncleanliness and dental caries).

384 children under school age were also examined and treatment prescribed. The figures are shown under the heading of "Child Welfare" and "Under 5 years" in the various Specialists' clinic tables.

1,612 children attended the Educational Guidance Clinics.

425 children attended for speech therapy.

AUDIOMETRIC TESTS were made on 4,890 children born in 1943. The results of these tests with the Gramophone Audiometer and the Pure Tone Audiometer are referred to by the Ear Specialist in his report.

The details of the EYE SPECIALIST'S CLINICS held in the various districts are given in the table; also details of the SKIN SPECIALIST'S CLINICS.

The ORTHOPAEDIC and REMEDIAL EXERCISES' CLINICS have been working with large numbers during the year. The details and figures are given under these headings.

The TWO SPECIAL SCHOOLS for physically and mentally handicapped children, two schools for the DEAF and one for the BLIND, as well as TWO OCCUPATIONAL CENTRES for children not suitable for the Special Schools, have all been visited regularly by the Chief Executive School Medical Officer, and periodic visits have been made by the Specialists.

The Staffs of these schools merit high praise for the valuable work and assistance they give to their pupils.

The SPECIALISTS' SERVICES of the REGIONAL HOSPITAL BOARD are detailed in the table under their respective headings of "Eye"—"Ear, Nose and Throat"—"Skin"—and "Orthopaedic" Clinics.

The DENTAL TREATMENT of the various age-groups is referred to by the Senior Dentist, and details are given in the table.

2. GENERAL STATISTICS.

Population of the area,	324,652
Number of Schools—	
(a) Primary, under Education Authority,	49
(b) Secondary, „ „ „ „ „ ..	39
(c) (i) Special Schools,	7
(ii) Special classes in ordinary schools,	1
(d) In receipt of grant from Education Authority and under Medical Inspection,	95
Number of children on the registers,	52,077
Number of children in average attendance,	47,400

3. SANITARY CONDITIONS OF SCHOOLS.

The cleansing of the schools has been carried out satisfactorily in accordance with the Authority's Cleansing Regulations.

Reports on the Sanitary Condition of the schools have been made throughout the year and forwarded to the Master of Works for attention.

4. ORGANISATION AND ADMINISTRATION.

These were detailed in the Report for the year ending 31st July, 1946.

5. FINDINGS OF MEDICAL INSPECTION.

No. Examined—15,179

			No. Defects	%age	Special Cases
1. CLOTHING—					
Unsatisfactory	...	...	47	0.31	531
2. FOOTGEAR—					
Unsatisfactory	...	...	36	0.23	229
3. UNCLEANLINESS—					
(a) Head	...	...	963	6.34	7,048
(b) Body	...	...	43	0.28	484
4. SKIN—					
(a) Head—					
Ringworm...	...	...	3	0.02	25
Impetigo	...	...	31	0.20	109
Other Diseases	...	...	188	1.24	198
(b) Body—					
Ringworm	...	...	16	0.10	10
Impetigo...	...	...	16	0.10	169
Scabies	...	...	54	0.35	12
Other Diseases	...	...	330	2.17	561
5. NUTRITIONAL STATE—					
Slightly defective	...	...	417	2.75	} 56
Bad	...	...	19	0.13	
6. MOUTH AND TEETH—					
Unhealthy	...	...	976	6.43	50
7. NASO-PHARYNX—					
(a) Nose—					
(i) Obstruction, requiring observation	...	...	121	0.80	52
(ii) Obstruction (probably adenoids), requiring operative treatment			125	0.82	35
(iii) Other Conditions	...	...	206	1.35	98
(b) Throat—					
(i) Tonsils requiring observation	...	...	1,029	6.78	} 170
(ii) Tonsils requiring operative treatment			378	2.49	
(c) Glands—					
(i) requiring observation			247	2.17	} 15
(ii) requiring operative treatment	...	...	14	0.09	

			No. Defects	%age	Special Cases
8. EYES—					
(a) External Diseases—					
Blepharitis	...	...	138	0·91	} 198
Conjunctivitis	...	...	30	0·19	
Corneal Opacities	...	...	13	0·08	
Strabismus...	...	...	364	2·40	
Other Diseases	...	...	35	0·13	
(b) Visual Acuity—					
No. examined—9,035					
With Glasses—					
Good	...	...	134	1·48	
Fair	...	...	74	0·82	
Bad	...	...	15	0·17	
Without Glasses—					
Good	...	...	7,755	85·83	
Fair	...	...	881	9·75	
Bad	...	...	176	1·95	
Recommended for refraction	...	...	260	1·71	1,669
9. EARS—					
(a) Diseases—					
Otorrhœa	...	...	182	1·20	} 162
Other Diseases	...	...	85	0·56	
(b) Defective Hearing—					
Grade I	...	...	48	0·32	} 87
Grade IIa	...	...	8	0·05	
Grade IIb	...	...	—
Grade III	...	...	—
10. SPEECH—					
Defective Articulation	...	...	49	0·32	} 59
Stammering	...	...	16	0·11	
11. MENTAL AND NERVOUS CONDITION—					
(a) Backward	...	...	11	0·07	} 12
(b) Dull (intrinsically)	...	...	13	0·08	
(c) Mentally defective (educable)	...	...	—	—
(d) Mentally defective (ineducable)	...	...	—	—
(e) Highly nervous or unstable	...	...	17	0·11	
(f) Difficult in behaviour	...	...	90	0·59	

	No. Defects	%age	Special Cases
12. CIRCULATORY SYSTEM—			
(a) Organic Heart Disease—			
(i) Congenital	60	0·39	} 45
(ii) Acquired	23	0·15	
(b) Functional Conditions ...	172	1·13	
13. LUNGS—			
Chronic Bronchitis	221	1·45	} 21
Suspected Tuberculosis	44	0·29	
Other Diseases	263	1·73	
14. DEFORMITIES—			
(a) Congenital	100	0·66	} 6
(b) Acquired (Inf. Paralysis)	32	0·21	
(c) Acquired (prob. Rickets)	72	0·47	
(d) Acquired (other causes)	189	1·24	
15. INFECTIOUS DISEASE...	28	0·18	11
16. OTHER DISEASES OR DEFECTS	222	1·46	793

Table showing attendances at Inspection Clinics.

Tonsils and Adenoids,	38
Diseases of Ear, Nose, and Throat,	734
" " Skin,	530
" " Eye,	135
" " Nervous System,	14
" " Alimentary System,	13
" " Heart,	147
" " Lungs,	155
" " Kidneys... ..	11
" " Mouth and Teeth,	8
Epilepsy,	5
Defective Speech,	38
" Vision,	11
Debility,	166
Rheumatism,	7
Glands,	20
Suspected Infectious Disease,	4
Orthopaedic Cases,	77
Referred Medical Specialist	3
Referred Surgical Specialist	5
For School Management Committee,	50
Enuresis,	46
Minor Surgical Conditions,	26
For Convalescent Homes,	6
Paralysis	4
Others,	261
Examined for Schools for Physically and Mentally Handicapped—	
Mentally Handicapped,	84
Physically Handicapped,	35
Deaf,	4
Sight-Saving,	14
Re-examinations in Schools for Physically and Mentally Handicapped—	
Mentally Handicapped,	253
Physically Handicapped,	240
Blind, Myope, Deaf-Mute,	61
Examined for Employment Licences,	517
In co-operation with M.O.H.—	
Suspected Tuberculosis,	22
Examined for Camps,	1, 240
Examined for National Survey,	78
Total,	
5,062	

Table I.

Total number of children examined at:—

(a) Systematic Examinations,

Entrants, ...	...	...	...	...	...	...	6,144
Born 1943,	...	...	...	...	...	...	4,686
Born 1939,	...	...	...	...	...	...	3,993
Born 1936,	...	...	...	...	...	...	356
Total,							<hr/> 15,179 <hr/>

(b) Born 1945, 3,676
(Vision and Hearing only)

(c) Other Examinations,

Nursery Schools,	...	...	..	..	...	148
Special cases,	...	...	...	...	...	35,467
Re-inspections by Medical Officers,	...	...	.	.	...	3,047
Total,						<hr/> 38,662

Number of individual children inspected at systematic examinations, who were notified to parents as requiring treatment (excluding uncleanliness and dental caries):—

All age groups, 2,821

Table 11.

Total Examined at All Ages 15,179	Entrants				Born 1943				Born 1939				Born 1936				All Ages			
	Boys		Girls		Boys		Girls		Boys		Girls		Boys		Girls		Boys		Girls	
	No. 3,164	% Age	No. 2,980	% Age	No. 2,328	% Age	No. 2,358	% Age	No. 1,949	% Age	No. 2,044	% Age	No. 194	% Age	No. 162	% Age	No. 7,635	% Age	No. 7,544	% Age
1. CLOTHING— Unsatisfactory ...	11	0.35	4	0.13	9	0.39	9	0.38	1	0.05	13	0.64	—	—	—	—	21	0.28	26	0.34
2. FOOTWEAR— Unsatisfactory ...	2	0.06	9	0.30	9	0.39	10	0.42	2	0.10	4	0.20	—	—	—	—	13	0.17	23	0.30
3. UNCLEANNLINESS— (a) Head ...	61	1.93	215	7.21	43	1.84	316	13.40	11	0.56	318	15.55	—	—	—	—	115	1.50	849	11.25
(b) Body ...	12	0.38	8	0.27	7	0.30	6	0.26	4	0.21	8	0.39	—	—	—	—	23	0.30	22	0.29
4. SKIN— (a) Head—Ringworm ...	2	0.06	1	0.03	—	—	—	—	—	—	—	—	—	—	—	—	2	0.02	1	0.01
Impetigo ...	12	0.38	7	0.23	7	0.30	3	0.13	1	0.05	1	0.05	—	—	—	—	20	0.26	11	0.15
Other Diseases ...	29	0.92	25	0.83	14	0.60	21	0.89	8	0.40	75	3.67	3	1.54	3	1.85	54	0.70	124	1.64
(b) Body—Ringworm ...	—	—	1	0.03	—	—	13	0.55	2	0.10	—	—	—	—	—	—	2	0.02	14	0.19
Impetigo ...	5	0.16	3	0.10	4	0.11	3	0.13	—	—	1	0.05	—	—	—	—	9	0.12	7	0.09
Scabies ...	3	0.09	1	0.03	1	0.04	35	1.49	—	—	14	0.69	—	—	—	—	4	0.05	50	0.66
Other Diseases ...	56	1.77	77	2.58	47	2.02	42	1.78	35	1.80	56	2.73	7	3.60	11	5.79	145	1.90	186	2.47
5. NUTRITIONAL STATE— Slightly defective ...	69	2.18	78	2.61	69	2.63	70	2.97	68	3.49	63	3.08	—	—	—	—	206	2.70	211	2.80
Bad ...	2	0.06	4	0.13	2	0.09	10	0.42	—	—	1	0.05	—	—	—	—	4	0.05	15	0.20
6. MOUTH AND TEETH— Unhealthy ...	151	4.77	124	4.16	199	8.58	171	7.25	197	10.11	107	5.23	25	12.89	2	1.23	572	7.49	404	5.36
7. NASO-PHARYNX— (a) Nose— (i) Obst. req. observation ...	48	1.51	32	1.07	19	0.81	9	0.38	6	0.31	7	0.34	—	—	—	—	73	0.96	48	0.64
(ii) Obst. (probably adenoids) req. operative treatment ...	24	0.76	24	1.47	21	0.90	19	0.81	8	0.40	8	0.39	1	0.52	—	—	54	0.70	71	0.94
(iii) Other conditions ...	68	2.15	72	2.41	31	1.33	20	0.85	3	0.15	11	0.54	1	0.52	—	—	103	1.35	103	1.37
(b) Throat— (i) Tonsils requiring observation ...	326	10.30	269	9.02	143	6.14	129	5.47	87	4.46	73	3.57	2	1.03	—	—	558	7.30	471	6.24
(ii) Tonsils requiring operative treatment ...	96	3.03	107	3.59	59	2.53	52	2.21	36	1.85	26	1.27	2	1.03	—	—	193	2.52	185	2.45
(c) Glands— (i) Requiring observation ...	108	3.41	71	2.38	30	1.29	18	0.76	7	0.36	13	0.64	—	—	—	—	145	1.90	102	1.35
(ii) Requiring operative treatment ...	3	0.09	2	0.06	—	—	6	0.26	—	—	3	0.15	—	—	—	—	3	0.04	11	0.15
8. EYES— (a) External Diseases— Blepharitis ...	30	0.95	25	0.83	32	1.40	22	0.93	15	0.77	11	0.54	2	1.03	1	0.62	79	1.47	59	0.78
Conjunctivitis ...	6	0.18	8	0.27	7	0.30	5	0.21	—	—	4	0.20	—	—	—	—	13	0.17	17	0.23
Corneal Opacities ...	129	0.13	4	0.13	—	—	1	0.04	3	0.15	1	0.05	—	—	—	—	7	0.09	6	0.08
Strabismus ...	12	0.38	104	3.49	42	1.80	45	1.91	21	1.08	21	1.03	1	0.52	1	0.62	193	2.52	171	2.27
Other Diseases ...	12	0.38	10	0.33	5	0.21	—	—	5	0.26	3	0.15	—	—	—	—	22	0.29	13	0.17

Total Examined at All Ages 15,179	Entrants			Born 1943			Born 1939			Born 1936			All Ages		
	Boys		Girls	Boys		Girls	Boys		Girls	Boys		Girls	Boys		Girls
	No. 3,164	% Age	No. 2,980	No. 2,328	% Age	No. 2,358	No. 1,949	% Age	No. 2,044	No. 194	% Age	No. 162	No. 7,635	% Age	No. 7,544
(b) Visual Acuity (with glasses)															
—9.035—	—	—	—	—	—	—	19	0.98	36	1.76	4	13	4,471	1.18	4,564
Good	—	—	—	30	1.29	32	15	0.77	21	1.03	2	3	53	0.76	81
Fair	—	—	—	17	0.73	16	1	0.05	4	0.20	—	4	34	0.07	40
Bad	—	—	—	2	0.08	4	—	—	—	—	—	—	3	0.07	12
Without Glasses—															
Good	—	—	—	2040	87.63	1998	1741	89.33	1671	81.75	173	132	3954	88.44	3801
Fair	—	—	—	209	8.98	264	140	7.18	248	12.13	11	9	360	8.05	521
Bad	—	—	—	30	1.29	44	33	1.69	64	3.13	4	1	67	0.62	109
Recom. for refraction	13	0.41	5	53	2.28	57	47	2.41	65	3.18	10	10	123	1.61	137
9. EARS—															
(a) Diseases—Otorrhea	51	1.61	50	22	0.94	25	18	0.92	15	0.73	—	1	91	1.19	91
(b) Other Diseases	20	0.63	25	12	0.52	16	6	0.31	5	0.24	—	1	38	0.50	47
(c) Defective Hearing—															
Grade I	3	0.09	3	20	0.85	12	7	0.36	3	0.15	—	—	30	0.39	18
Grade IIa	—	—	—	4	0.11	4	—	—	—	—	—	—	4	0.05	4
Grade IIb	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Grade III	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10. SPEECH—															
Defective articulation	21	0.66	11	12	0.52	2	2	0.10	1	0.05	—	—	35	0.46	14
Stammering	6	0.18	4	2	0.08	1	1	0.05	2	0.09	—	—	9	0.12	7
11. MENTAL AND NERVOUS CON- DITION—															
(a) Backward	3	0.09	—	1	0.04	4	2	0.10	1	0.05	—	—	6	0.08	5
(b) Dull (Intrinsically)	—	—	—	7	0.30	2	2	0.10	2	0.09	—	—	9	0.12	4
(c) Mentally defective (educable)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
(d) Mentally defective (ineducable)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
(e) Highly nervous or unstable	7	0.22	3	4	0.11	1	1	0.05	3	0.15	—	—	12	0.16	5
(f) Difficult in behaviour	25	0.79	35	7	0.30	21	—	—	—	—	—	—	32	0.42	59
12. CIRCULATORY SYSTEM—															
(a) Organic Heart Disease—															
(i) Congenital	16	0.51	13	6	0.26	12	7	0.36	5	0.24	1	—	30	0.39	30
(ii) Acquired	8	0.25	2	2	0.08	1	5	0.26	5	0.24	—	—	15	0.20	8
(iii) Congenital	48	1.51	36	14	0.60	26	10	0.51	36	1.76	1	1	73	0.96	99
(b) Functional Conditions															
(i) Chronic Bronchitis	75	2.37	56	41	1.76	17	17	0.87	14	0.69	—	—	134	1.75	87
(ii) Suspected Tuberculosis	65	2.07	11	6	0.26	7	2	0.10	3	0.15	—	—	23	0.30	21
(iii) Other Diseases	17	0.54	73	36	1.55	34	33	1.69	16	0.78	4	—	140	1.83	123
13. LUNGS—															
(a) Congenital	34	1.07	19	16	0.68	7	11	0.56	9	0.44	1	3	62	0.81	38
(b) Acquired (Inf. Paralysis)	6	0.18	4	6	0.26	0.38	3	0.15	3	0.15	—	—	15	0.20	16
(c) Acquired (prob. Rickets)	46	1.45	8	11	0.47	30	4	0.21	11	0.54	—	1	21	0.27	50
(d) Acquired (other causes)	11	0.35	41	23	0.98	19	7	0.36	48	2.35	—	5	76	0.99	113
14. DEFORMITIES—															
(a) Infectious Disease	52	1.64	40	4	0.11	5	2	1.10	3	0.15	—	—	17	0.22	11
(b) Other Diseases or Defects															

Table III.—Systematic Medical Examinations.

Classification	Entrants		Born 1943		Born 1939		Born 1936		Total	
	No. examined	% Age of pupils examined	No. examined	% Age of pupils examined	No. examined	% Age of pupils examined	No. examined	% Age of pupils examined	No. examined	% Age of pupils examined
I. Children free from defects	3,733	60.71	2,618	55.87	2,387	59.78	236	66.29	8,974	59.12
II. Children (otherwise free from defects) who suffer from :—										
(a) Defective vision not worse than 6/12 in the better eye with or without glasses	1	0.02	384	8.19	334	8.36	31	8.70	750	4.94
(b) Conditions of the mouth and teeth requiring treatment	177	2.88	202	4.31	205	5.13	20	5.62	604	3.98
(c) Both (a) and (b)	3	0.05	35	0.75	22	0.55	2	0.56	62	0.41
Total	181	2.95	621	13.25	561	14.04	53	14.88	1,416	9.33
III. Children suffering from ailments (other than those mentioned in II) from which complete recovery is anticipated within a few weeks	2,075	33.77	1,296	27.65	912	22.84	54	15.17	4,337	28.57
IV. Children suffering from (or suspected to be suffering from) defect less remediable than defects specified in II or III, distinguishing cases :—										
(a) Where complete cure or restoration of function (in the case of eye defect full corrections) is considered possible	111	1.81	124	2.65	107	2.68	8	2.25	350	2.31
(b) Where improvement only is considered possible, e.g., without complete restoration of function	44	0.72	27	0.58	26	0.65	5	1.41	102	0.67
Total	155	2.53	151	9.23	133	3.33	13	3.66	452	2.98
Total number examined	4,144	100.00	4,086	100.00	3,993	100.00	356	100.00	15,179	100.00

Table IV.

Return of all exceptional children of school age in the area.

Disability	At Ordinary Schools	At Special Schools or Classes	Total
1. Blind	—	8	8
2. Partially sighted :			
(a) Refraction errors in which the curriculum of an ordinary school would adversely affect the eye condition ...	—	28	28
(b) Other conditions of the eye	—	22	22
3. Deaf :			
Grade I	48	—	48
Grade IIa	8	—	8
Grade IIb	—	21	21
Grade III	—	20	20
4. Defective Speech :			
(a) Defects of articulation requiring special educational measures	49	33	82
(b) Stammering	16	8	24
5. Mentally Handicapped (Children between 5 and 16 years) :			
(a) Educable (I.Q. approx. 50-70)	23	303	326
(b) Ineducable (I.Q. generally less than 50)	—	31	31
6. Epilepsy :			
(a) Mild and occasional ...	—	10	10
(b) Severe (suitable for care in a residential school) ...	—	3	3
7. Physically Handicapped (Children between 5 and 16 years) :			
(a) Non - pulmonary tuberculosis (excl. cervical glands)	—	18	18
(b) General orthopaedic conditions... ..	—	66	66
(c) Organic heart disease ...	60	16	76
(d) Other causes of ill-health...	222	83	305
8. Multiple defects :			
(a) Deaf Mutes,	—	19	19
(b) Paralysis and Mentally Handicapped	—	11	11
(c) Paralysis, Mentally Handicapped and Defective Speech	—	5	5
(d) Defective Vision and Mentally Handicapped ...	—	51	51
(e) Defective Hearing and Mentally Handicapped ...	—	21	21
			1203

Heights (in inches)—Boys.

Average Age ...	...	5. 6/12	9. 7/12	13. 7/12	16. 6/12
Number Examined	...	3,164	2,328	1,949	194
Average Height ...	...	43.1	51.6	59.5	68.0

Weights (in pounds)—Boys.

Average Age ...	...	5. 6/12	9. 7/12	13. 7/12	16. 6/12
Number Examined	...	3,164	2,328	1,949	194
Average Weight ...	...	43.0	63.1	92.1	130.9

Heights (in inches)—Girls.

Average Age ...	...	5. 6/12	9. 5/12	13. 5/12	16. 6/12
Number Examined	...	2,980	2,358	2,044	162
Average Height ...	...	42.9	50.9	59.9	64.2

Weights (in pounds)—Girls.

Average Age ...	...	5. 6/12	9. 5/12	13. 5/12	16. 6/12
Number Examined	...	2,980	2,358	2,044	162
Average Weight ...	...	41.5	60.2	94.3	124.3

MINOR AILMENTS CLINIC.

6 A. (1).—CUTS, Etc.

19

Total number of children treated 801
 Total number of attendances 2,490
 Average attendance per child 3·1

Disease	Paisley	Greenock		Barrhead	Renfrew	Johnstone	Port-Glasgow	Gourock	TOTALS
		Brymner St.	Sinclair St.						
Cuts	19	15	25	9	28	32	368	5	501
Bruises	5	6	1	—	22	12	4	1	51
Sprains	13	2	—	—	15	12	1	1	44
Minor Injuries	78	8	14	2	3	3	8	2	118
Other Conditions	4	39	28	2	4	6	2	2	87
Total Cases	119	70	68	13	72	65	383	11	801
Total Attendances	412	148	215	61	290	116	1,230	18	2,490

MINOR AILMENTS CLINIC.

6 A. (2).—DISEASES OF EAR, NOSE, AND THROAT.

20

Total number of children treated 772
 Total number of attendances 8,347
 Average attendance per child 10·8

Disease	Paisley	Greenock		Barrhead	Renfrew	Johnstone	Port-Glasgow	Gourock	TOTALS
		Brymner Street	Sinclair Street						
Otorrhoea and Otitis Media	51	51	32	9	17	33	62	4	259
Enlarged Tonsils and Adenoids	1	4	7	2	21	—	2	—	37
Enlarged Turbinates and Deviation of Septum	1	—	—	—	—	—	—	—	1
Cerumen in Ears	15	67	23	2	25	51	20	3	206
Pharyngitis	—	—	—	—	—	—	3	—	3
Laryngitis	—	—	—	1	—	4	—	—	5
Rhinitis	—	—	—	—	—	3	1	—	4
Tonsillitis	1	—	—	3	5	8	—	—	17
Other Conditions	140	33	23	7	12	24	1	—	240
Total Cases	209	155	85	24	80	123	89	7	772
Total Attendances	1,715	2,081	1,820	190	329	1,666	536	10	8,347

MINOR AILMENTS CLINIC.

6 A. (3).—DISEASES OF THE EYE.

21

Total number of children treated 690
 Total number of attendances 2,843
 Average attendance per child 4.1

Disease	Paisley	Greenock		Barrhead	Renfrew	Johnstone	Port-Glasgow	Gourock	TOTAL
		Brynmor Street	Sinclair Street						
Conjunctivitis (Simple, Purulent and Phlyctenular)	44	15	12	15	30	2	31	5	163
Blepharitis	45	95	32	15	24	24	3	2	240
Hordeolum	52	—	—	20	15	42	28	1	158
Other Diseases, ..	27	23	21	6	34	14	3	1	129
Total Cases	168	133	65	56	112	82	65	9	690
Total Attendances	718	662	280	328	421	265	146	23	2,843

MINOR AILMENTS CLINIC.

6 A. (4).—DISEASES OF SKIN.

22

Total number of children treated ... 4,182
 Total number of attendances ... 18,553
 Average attendance per child ... 4.4

Disease	Paisley	Greenock		Barrhead	Renfrew	Johnstone	Port-Glasgow	Gourock	Totals
		Brynmor Street	Sinclair Street						
Ringworm, Scalp, ...	—	6	2	—	—	—	—	—	8
Ringworm, Body, ...	1	29	9	—	—	3	7	—	49
Scabies ...	3	4	—	9	1	4	—	—	21
Impetigo, Head ...	1	23	30	46	7	6	44	—	157
Impetigo, Body ...	111	105	125	1	25	32	—	23	422
Eczema ...	6	18	—	—	4	—	—	—	28
Septic Sores ...	555	209	232	144	237	—	581	31	2,542
Herpes ...	13	6	4	5	30	101	3	2	164
Psoriasis ...	2	8	—	1	2	1	1	—	15
Seborrhoea ...	2	2	—	—	6	8	—	1	18
Alopecia ...	—	8	—	—	1	—	—	—	9
Dermatitis ...	17	11	3	1	7	4	—	—	43
Other Conditions ...	174	223	115	34	58	90	2	10	706
Total Cases	885	652	520	241	379	802	638	67	4,182
Total Attendances	4,143	2,872	2,189	1,486	2,039	2,715	2,813	296	18,553

IV. RINGWORM AND FAVUS.

(a) Drug Treatment:—					
Ringworm Head	...	...	...	...	13
Ringworm Body,	...	...	...	...	49
(b) X-Ray Treatment,					
...	...	...	...	...	1
(c) Sun-Light Treatment,					
...	...	...	...	...	57

(Children have sun-light treatment for various conditions—
Bronchitis, Asthma, Alopecia, Debility, etc.)

V. GENERAL TREATMENT.

Other cases attending Clinics, including General					
Medical and Surgical Cases, etc.,	...	...	...	...	542
Attendances of above,	...	...	...	...	644
Total attendances at Minor Ailments Clinics,...	....	....	....	....	32,877

6. B. EYE SPECIALIST'S REPORT.

There have been no notable changes in the work of the Specialist Eye Service during the year. The number of children examined continues to increase. Clinics have been carried out as formerly at Paisley, Greenock, Port Glasgow, Johnstone, Barrhead, and Renfrew, with periodic visits to Sight-Saving Classes in order to maintain contact with children there.

There are still considerable waiting lists, but not of the magnitude of earlier years. New cases of different age-groups continue to be added to the list.

The co-operation of the great majority of parents is appreciated and is of considerable value to the efficiency of the service, but it should be remembered that a child who fails to keep an appointment without previous notice is depriving another child of necessary attention.

I have to record my appreciation of the help of the School Medical, Nursing, and Clerical Staff.

Details of the work will be found in the following table:—

TABLE showing (1) Total Number Treated.
 (2) Number Treated by Glasses.
 (3) Number Otherwise Treated.

	Number of Pupils Examined		Number of Re-Visits		Total Attendances	Number of Glasses Ordered	Number Otherwise Treated
	Boys	Girls	Boys	Girls			
Paisley	170	218	40	73	501	305	—
Greenock	221	226	76	103	626	338	109
Port-Glasgow	89	113	7	7	216	165	37
Barrhead	53	52	16	15	136	72	7
Johnstone	61	78	43	47	229	113	9
Renfrew	46	41	25	28	140	59	28
Gourock	3	3	—	—	6	6	—
Total	643	731	207	273	1,854	1,058	190

CHILD WELFARE.

No. Examined, 11 Glasses Ordered, 3

6. C. EAR, NOSE, AND THROAT SPECIALISTS' REPORT.

Deafness of varying degree, especially minor deafness, presents one of the major difficulties, both for teacher and pupil, of attainment of social and economic independence of adolescent and adult.

The work in the Ear, Nose and Throat Clinics is essentially concerned with the prevention or amelioration of this "condition of deafness," and the direction, it may be, of the pupil to the seat in class in which instruction can most fully be imparted. This has a marked influence on the educational progress of the pupil and on the effort required of the teacher.

Visits have been paid regularly to the clinics in Paisley, Greenock, and surrounding districts; and, as will be seen from Table 6 C, the attendances were well maintained. In addition to this, the Special Schools in Paisley and Greenock were visited regularly, and 32 cases were seen from the Child Welfare Departments.

The rate of tonsillectomy operation has been increased, with resultant greater benefit to the child and lessened anxiety to the parent.

As a result of the Audiometric Survey in which 4,890 children were examined, only 45, or less than 1 per cent., required special consideration apart from selective placing in the class room. There were no cases of totally deaf (Grade 3) found.

Amelioration of deafness and prevention of deterioration may be brought about by two lines of treatment, namely, by operation or by daily local treatment. In this aspect of the work, I would like to express appreciation of the co-operation of parents and pupils and the efficiency and solicitude of the nursing staff. Treatment by operation is, in most cases, the removal of tonsils and adenoids: this removal, in addition to safe-guarding the pupils' hearing, has very often a marked effect on their general health and their ability to profit from instruction.

Diseases	Paisley	Greenock	Barrhead	Renfrew	Johnstone	Port- Glasgow	TOTAL
Otorrhoea and Otitis Media, ...	22	38	8	13	11	23	115
Enlarged Tonsils and Adenoids,	148	131	29	62	24	28	422
Cerumen,... ...	18	8	—	—	—	—	26
Rhinitis, ...	31	24	6	10	11	16	98
Other Conditions, ...	26	69	4	1	2	13	115
Total Cases, ...	245	270	47	86	48	80	776
Total Attendances, ...	380	535	155	112	181	138	1,501
Operations Advised, ...	149	92	43	62	24	43	413

Nose and Throat Operations completed ... 193

CHILD WELFARE.

Cases	Attendances
32	49
Operations Advised, ...	... .. 24

6. E. CHIEF DENTAL OFFICER'S REPORT.

Routine inspection and treatment were carried out this year by the School Dental Officers, on children on the 6, 10, and 11 year age groups. Acceptance rate was high, and the attendance of the children at the Clinics for treatment satisfactory.

With the Mobile Dental Unit operating in the upper area of the County, the opportunity is given to the parents of all children in out-lying schools—of small school population—to have their children treated by the School Dental Officer. A large percentage of the parents have accepted this opportunity, and much educational time has been saved. Otherwise those children would have had to make the long journey to the City for dental treatment.

In the forthcoming school session the staff will be augmented by the appointment of extra Dental Officers. This is a step in the right direction, as, with the extended service, it will be possible to carry out routine inspection and treatment on a further number of children.

The summary showing the amount of work done will be found in the following table:—

Table V. 6 E.—Dental Inspection and Treatment.

No. of children who were— (1) Inspected by dental officers—					(a) Systematic examinations
Age.					
5	...	...	...	...	105
6	...	...	...	...	3,459
7	...	...	...	...	151
8	...	...	...	...	152
9	...	...	...	...	138
10	...	...	...	...	3,399
11	...	...	...	...	3,215
12	...	...	...	...	419
13	...	...	...	...	16
14	...	...	...	...	22
15	...	...	...	...	—
Total	...	...	...	.....	11,076
(2) Found to require treatment					8,794
(2a) No. accepting treatment					7,456
(3) Actually treated by the school dental officers...					6,616
(4) No. of attendances made by children for treatment					18,638
(5) Fillings :					
(a) Permanent teeth...					5,147
(b) Temporary teeth...					2,753
(6) Extractions :					
(a) Permanent teeth...					368
(b) Temporary teeth...					6,455
(7) No. of administrations of a general anaesthetic for extractions ...					—
(8) Other operations :					
(a) Permanent teeth...					3,241
(b) Temporary teeth ..					1,353
(9) Half-days devoted to inspection					246
Half-days devoted to treatment					2,279
(10) No. of children treated under private arrangements					—

6. F. SKIN SPECIALIST'S REPORT.

During the past year, the role of the Skin Clinic in Paisley and Greenock has become more clearly defined.

With the opening of the general Skin Clinic in the Greenock Royal Infirmary, the local general practitioners are not, in the same number, availing themselves of the services of the Clinic at Brymner Street. This has always been the case in Paisley, few cases being referred by local general practitioners. Children attending both clinics are now referred, therefore, almost exclusively by the School Health Department, Child Welfare or Ante-natal.

This has led to a change in the type of skin condition seen. Three conditions now predominate, namely, warts, infantile eczema, and birth marks. These three conditions, being rather resistant to therapy, do not show a rapid response following visits to the doctor's surgery, and help is sought elsewhere.

The atmosphere of the Clinics, at the Russell Institute and Brymner Street, devoted to the children is of an advantage in the management of those conditions. Warts do, of course, present the greatest problem. Possibly the only solution is the Special Clinic, where diathermy, refrigeration, and x-ray are available, and the facilities for local and even general anaesthesia. If much is to be done for these children, it is essential that a parent is in attendance to give permission for the minor surgery that may be required. This is too often not the case, the child attending alone or accompanied by another child.

I wish to express my thanks for the most willing co-operation of both nursing and administrative staffs.

6 F.—SKIN SPECIALIST'S CLINIC.

31

Total number treated, 279
Total number of attendances, 852

	Paisley	Greenock	Barrhead	Renfrew	Johnstone	Port-Glasgow	Gourock	TOTALS
School Age,	37	88	6	4	13	35	2	185
Child Welfare,	20	33	18	2	13	5	1	92
Ante-Natal,	2	—	—	—	—	—	—	2
Total,	59	121	24	6	26	40	3	279
Total Attendances,	227	254	137	26	86	116	6	852

6 D.—Specialist's Orthopædic Clinics.

32

Areas	Children Treated		Attendances		Shoes altered.	Plasters applied.	Splints fitted.	In hospital.	Awaiting hospital.	Still under treatment.	Discharged.
	Over 5 years.	Under 5 years.	Treat-ment.	Clinics.							
Paisley ...	247	170	2,551	584	75	10	18	7	12	322	95
Gretnock ...	130	35	1,017	272	23	2	4	2	18	113	52
Port Glasgow ...	18	8	176	46	18	1	2	—	3	23	3
Barrhead ...	55	45	640	146	31	4	2	2	4	69	31
Renfrew ...	33	13	305	69	19	2	6	—	1	40	6
Johnstone...	75	60	638	169	11	2	2	2	7	96	39
Gourock ...	17	7	176	31	—	—	—	1	1	18	6
Total ...	575	338	5,503	1,317	177	21	34	14	46	681	232

Most of the Plasters were made at the Royal Alexandra Infirmary, Paisley.

Minor alterations to Shoes have been made locally.

7. SPECIAL SCHOOLS AND CLASSES.

The following Special Schools are under the jurisdiction of the Education Committee of the Renfrew County Council:—

					No. on Roll	
					Boys	Girls
Sandyford School, Paisley.						
Physically Handicapped	...	...			82	56
Mentally Handicapped	...	...			145	104
Laighpark School, Paisley.						
Blind	...	...	...	...	2	3
Sight-Saving	...	...	...		13	17
Gateside School, Paisley.						
Deaf Mute and Defective Hearing					17	8
Glenburn School, Greenock.						
Physically Handicapped	...	...			50	35
Mentally Handicapped	...	...			104	61
Sight-Saving	...	...	...		8	12
Garvel School, Greenock.						
Deaf Mute and Defective Hearing					4	11
Epileptic Colony School,						
Bridge of Weir	...	...	...		22	14
Kersland Occupational Centre	....	...			21	11
Holeburn Occupational Centre	....	....			10	11

8 Physically handicapped children were fit to be returned to the ordinary schools during the year from Sandyford and Glenburn Schools.

8.—TABLE OF REMEDIAL EXERCISES TREATMENT.

	Examined.	Advised Treatment.	Treatment continued from last year.	Treated	Number of Attendances.	Passed out as improved enough to benefit from gymnastics alone.	Still receiving treatment.
Paisley	142	70	86	156	3,283	76	80
Johnstone	16	12	18	32	625	12	20
Total	158	82	104	188	3,908	88	100

Treatment is carried out at The Russell Institute, Paisley, and at the School Clinic, Johnstone.

AUDIO

Children

1943 AGE-GROUP										
	No. Absent	No. Tested	No. Unfit for Test	No. Re- tested	No. Failed One Ear	No. Failed Both Ears				Tot
						Grade				
						1 (9-15) db	2a (15-30) db	2b (30-) db	3 (30 - db. speech defect.	
PAISLEY	79	1,466	1	220	55	3	8	...	...	11
GREENOCK	51	1,259	...	258	98	4	9	...	...	13
BARRHEAD	37	630	...	106	14	1	2	...	...	3
RENFREW	16	328	...	72	14	...	3	...	...	3
JOHNSTONE	36	612	...	74	28	3	3	2	...	8
PORT GLASGOW	29	438	...	112	38	3	3	...	...	6
GOUROCK	4	157	...	4	7	1	...	...	...	1
TOTAL	252	4,890	1	866	254	15	28	2	...	45

URVEY.

and 1944.

1944 AGE-GROUP														
RETESTS							ABSENTEES							
One Ear	No. Failed					Total No. for P.T.A.	No. Tested	One Ear	No- Failed					Total No. for P.T.A.
	Both Ears								Both Ears					
	Grade								Grade					
	1	2a	2b	3	Total				1	2a	2b	3	Total	
31	4	3	...	...	7	38	88	4	...	...	...	...	...	4
35	7	10	...	...	17	52	55	4	...	1	...	...	1	5
10	2	...	...	...	2	12	26	1	...	...	...	...	...	1
8	2	...	...	...	2	10	9	2	...	...	...	...	...	2
13	...	3	...	...	3	16	42	...	...	1	...	...	1	1
10	1	4	...	..	5	15	36	4	3	...	...	...	3	7
2	...	...	...	...	...	2	14	2	...	...	...	...	...	2
109	16	20	...	...	36	145	270	17	3	2	...	...	5	22

Table showing for each month during session 1952-1953 the number of pupils absent through infectious diseases.

A.—Actual Cases.

B.—Contacts.

	September, 1952.		October.		November.		December.		January, 1953.		February.		March.		April.		May.		June.		Actual Cases.	Contacts.	Totals.
	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.			
Scarlet Fever ...	29	33	63	52	80	41	43	36	55	30	31	29	41	38	18	11	30	41	33	30	423	341	764
Diphtheria ...	1	—	2	2	2	6	—	—	2	—	2	3	1	1	—	1	1	—	3	1	14	14	28
Enteric Fever ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pneumonia ...	6	—	4	—	—	—	2	—	2	4	3	—	10	—	5	—	1	—	5	—	38	4	42
Measles ...	47	3	79	4	146	7	100	5	207	5	286	11	317	20	265	11	433	9	604	10	2484	85	2,569
Whooping Cough	8	1	13	3	20	2	12	6	26	1	58	2	72	6	78	14	60	22	102	12	449	67	516
Chickenpox	14	—	33	—	134	—	261	7	352	—	352	2	268	1	211	—	129	—	129	1	1883	11	1894
Mumps ...	6	—	42	—	44	—	56	—	152	—	257	3	334	—	264	—	231	—	140	1	1526	4	1530
Scabies ...	—	—	1	—	—	—	1	—	3	—	—	—	3	—	—	—	—	—	2	—	10	—	10
Others ...	19	—	14	13	14	—	13	2	21	1	5	4	15	—	12	—	30	2	18	—	161	22	183
Totals	130	37	251	74	440	56	488	56	820	41	994	52	1061	66	853	37	915	74	1036	55	6,988	548	7,536

FINDINGS OF MEDICAL INSPECTION.

NURSERY SCHOOLS

NUMBER EXAMINED—148.

	No. of Defects.	Per- centage.
3. UNCLEANLINESS—		
(a) Head,	8	5.40
4. SKIN—		
(a) Head:		
Impetigo,	1	.74
Others,	3	2.02
(b) Body:		
Impetigo,	—	—
Others,	1	.74
5. NUTRITION—		
Slightly Defective,	1	.74
Bad,	—	—
6. MOUTH AND TEETH—		
Unhealthy,	3	2.02
7. NASO-PHARYNX—		
(a) Nose:		
1. Obstruction requiring observation,	2	1.35
2. Obstruction (prob. adenoids),	—	—
3. Other Conditions,	5	3.37
(b) Throat:		
1. Tonsils requiring observation,	8	5.41
2. Requiring operative treatment,	2	1.35
(c) Glands:		
1. Requiring observation,	3	2.02
8. EYES—		
Strabismus,	2	1.35
Others,	1	.74
9. EARS—		
Otorrhoea,	7	4.79
(a) Other Conditions,	3	2.02
(b) Grade 1,	—	—
10. SPEECH—		
Stammering,	3	2.02
11. DIFFICULT IN BEHAVIOUR,	1	.74
12. CIRCULATORY SYSTEM—		
(b) Functional Heart Disease,	6	4.05
13. LUNGS—		
Chronic Bronchitis,	10	7.43
Other Diseases,	—	—
14. DEFORMITIES—		
(a) Congenital,	5	3.37
(c) Acquired (probably rickets),	2	1.35
(d) Acquired (other causes),	5	3.37
15. INFECTIOUS DISEASE,	1	.74
16. OTHER DISEASES OR DEFECTS,	1	.74

Nursery Schools.

F. Heights (in inches)—Boys.

Average Age	...	...	...	...	4. 6/12
Number Examined	...	...	...	...	89
Average Height	...	...	...	...	41.5

F. Weights (in pounds)—Boys.

Average Age	...	...	...	...	4. 6/12
Number Examined...	...	...	...	...	89
Average Weight	...	...	...	...	37.8

F. Heights (in inches)—Girls.

Average Age	...	...	...	...	4. 6/12
Number Examined...	...	...	...	...	59
Average Height	...	...	...	...	40.1

F. Weights (in pounds)—Girls.

Average Age	...	...	...	...	4. 6/12
Number Examined...	...	...	...	...	59
Average Weight	...	...	...	...	37.8

Nursery Schools—Table II.

Nature of Defect.	Boys.	Girls.	Total.
	Per-	Per-	Per-
Number examined—148.	No. 89. centage.	No. 59. centage.	No. 148. centage.
3. Cleanliness :—			
(a) Head,	3 3.37	5 8.47	8 5.40
4. Skin :—			
(a) Head—			
Impetigo	1 1.12	— —	1 .74
Others,	2 2.24	1 1.69	3 2.02
(b) Body—			
Others,	1 1.12	— —	1 .74
5. Nutrition :—			
Slightly Defective,	1 1.12	— —	1 .74
6. Mouth and Teeth Unhealthy,	3 3.37	— —	3 2.02
7. Naso-Pharynx :—			
(a) Nose—			
1. Obstruction req. observation,	1 1.12	1 1.69	2 1.35
2. Obstruction prob. Adenoids,	— —	— —	— —
3. Other Conditions,	1 1.12	4 6.77	5 3.37
(b) Throat—			
1. Tonsils requiring observation,	5 5.61	3 5.08	8 5.41
2. Tonsils req. op. treatment,	1 1.12	1 1.69	2 1.35
(c) Glands—			
1. Requiring observation,	3 3.37	— —	3 2.02
8. Eyes :—			
Strabismus,	1 1.12	1 1.69	2 1.35
Blepharitis,	1 1.12	— —	1 .74
9. Ears :—			
Otorrhoea,	2 2.24	5 8.47	7 4.79
Other,	2 2.24	1 1.69	3 2.02
10. Speech :—			
Defective Articulation,	3 3.37	— —	3 2.02
11. Backward,	— —	1 1.69	1 .74
12. Circulatory System :—			
(b) Functional Heart Disease,	3 3.37	3 5.08	6 4.05
13. Lungs :—			
Chronic Bronchitis,	8 8.98	2 3.39	10 7.43
14. Deformities :—			
(a) Congenital,	4 4.49	1 1.69	5 3.37
(c) Acquired (pro. Rickets),	2 2.24	— —	2 1.35
(d) Acquired (Other Causes),	4 4.49	1 1.69	5 3.37
15. Infectious Disease,	1 1.12	— —	1 .74
16. Other Dinseases or Defects,	— —	1 1.69	1 .74

Classification	No. Examined	Percentage
I. Children free from defects 	90	60·81
II. Children (otherwise free from defects) who suffer from :- (a) Conditions of the mouth and teeth requiring attention ... (b)	1	0·67
III. Children suffering from ailments (other than those mentioned in 2) from which complete recovery is anticipated within a few weeks 	53	35·81
IV. Children suffering from defects less remediable than defects speci- fied in 2 or 3, distinguishing cases :- (a) Where complete cure or restoration of function is considered possible 	4	2·71
Total number examined 	148	100·00

